JAP12 Rec'd PCT/PTO 24 JUL 2007

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Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER	ATTORNEY'S DOCKET NUMBER	
DESIGNATED/ELECTED OFFICE (DO/EO/US)		BU-115XX
CONCERNING A SUBMISS	SION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	10/591,680 PRIORITY DATE CLAIMED
PCT/US05/07278	March 4, 2005	March 4, 2004
TITLE OF INVENTION	Widion 4, 2000	Widi 01. 1, 200 1
	Logic Acceleration of Data Processing Ap	pplications and Compiler Therefore
APPLICANT(S) FOR DO/EO/US		
Martin C. Herbordt and Thomas Van Co	ourt	
Applicant herewith submits to the United States D	Designated/Elected Office (DO/EO/US) the following	items and other information:
1. This is a FIRST submission of items co	oncerning a submission under 35 U.S.C. 371.	· · · · · · · · · · · · · · · · · · ·
2. This is a SECOND or SUBSEQUENT s	submission of items concerning a submission under	35 U.S.C. 371.
3. This express request to begin national e (5), (6), (9) and (21) indicated below.	examination procedures (35 U.S.C. 371(f)). The subr	mission must include items
4. The US has been elected (Article 31).		
5. A copy of the International Application	as filed (35 U.S.C. 371(c)(2))	1
a. is attached hereto (required o	only if not communicated by the International Bureau	u).
b.	he International Bureau	·
c. is not required, as the applica	ation was filed in the United States Receiving Office	(RO/US).
6. An English language translation of the	International Application as filed (35 U.S.C. 371(c)(2	2)).
a. is attached hereto.		
	ed under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the Intern	national Application under PCT Article 19 (35 U.S.C.	. 371(c)(3))
a. are attached herewith (requir	red only if not communicated by the International Bu	reau).
b. have been communicated by	the International Bureau.	
c. have not been made; howeve	er, the time limit for making such amendments has N	NOT expired.
d. have not been made and will	not be made.	·
8. An English language translation of the	amendments to the claims under PCT Article 19 (35	5 U.S.C. 371(c)(3)).
9. X An oath or declaration of the inventor(s		
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	annexes to the International Preliminary Examinatio	n Report under PCT
Items 11 to 20 below concern document(s	s) or information included:	
11.	nder 37 CFR 1.97 and 1.98 and Form 1449	
12.	g. A separate cover sheet in compliance with 37 CFI	R 3.28 and 3.31 is included
13. A preliminary amendment.		
14. An Application Data Sheet under 37 CF	FR 1.76.	
15. A substitute specification.		
16. A power of attorney and/or change of a	iddress letter.	
17. A computer readable form of the seque	ence listing in accordance with PCT Rule 13ter.2 and	d 37 CFR 1.821-1.825.
_	ational Application under 35 U.S.C. 154(d)(4).	
_	e translation of the international application under 35	* <u></u> *
	71 Formalities Letter dated 5/02/2007; Petition for Or of time and fee check for \$60.00	ne-Month
Extension	of time and fee check for \$00.00	. 💉

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

	U.S. APPLICATIO	PPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO			ATTORNEY'S DOCKET NUMBER				
	10/591,680	0/591,680 PCT/US05/07278				BU-115XX			
		g fees have beer	n submitted:				CALCULATIONS		PTO USE ONLY
	21. 🔲 Basi	c national fee		<u></u>		\$300.00	\$, 	
		nination fee							
					by USPTO and all claims	satisfy \$100.00			
						\$200.00	\$		
	23. Sear		has boon nais	d on the i	nternational application to	the USPTO			
	as an Intern	ational Searching	g Authority			\$100.00			
	International Search Report prepared and provided to the Office						\$		
	TOTAL OF 21, 22 and 23 =						\$		
	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.								
	Total Sheets	Extra Sheets			Iditional 50 or fraction	RATE			
	100 -	/50 -		ound up t	o a whole number)	X \$250.00	\$		
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	claimed priority	date (37 CFR 1.4	49Ž(h)).					100.00	
	CLAIM		UMBER FILED	=	NUMBER EXTRA 0	RATE X \$ 50.00	\$	0	
	Total claims		60 - 60 13 - 13		0	X \$ 50.00 X \$200.00	\$	0	
	Independent cla	PENDENT CLAIM			U	+ \$360.00	\$	0	
	WOLTH LL DLI	ENDERN OBAIN	n(O) (II applicat		TOTAL OF ABOVE CAL			130.00	
	X Applican	nt claims small er	ntity status. Se	e 37 CFI	R 1.27. Fees above are re	educed by ½.	\$	65.00	
			,			SUBTOTAL =	\$	65.00	
	Processing fee	of \$130.00 for fur	rnishing the En	glish tran	slation later than 30 mont	ths from	\$		
	the earliest clain	ned priority date	(37 CFR 1.492	2(1)).					
		-				TIONAL FEE =	\$ 65.00		
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$			
A7 /5	6/2007 LLANDGRA					ENCLOSED =	\$ 65.00		
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		charge my Depo icate copy of this			in the amount	of \$ to	cove	r the above fees.	
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	c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Deposit Account No. <u>23-0804</u> . A duplicate copy of this sheet is enclosed.								
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								formation should
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be fil and granted to restore the International Application to pending status.								r (b)) must be filed	
SEND ALL CORRESPONDENCE TO: which is associated with the Law Firm of:									
[X] Customer Number 00207 WEINGARTEN, SCHURGIN, GAGNEBIN & LEB Ten Post Office Square Boston, Massachusetts 02109						LEBOVICI LLP			
	United States felephone: (617) 542-2290 Fax: (617)						451	-0313	
Attorney Signature: Many Lynn Date: 7 - 24 - 7									
	Attorney Name: Charles L. Gagnebin III Registration No: 25,467 CLG/dkh/354805.1								



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United States Patent and Trademark Office

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U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/591,680

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP

Martin C. Herbordt

BU-115XX

INTERNATIONAL APPLICATION NO.

PCT/US05/07278

I.A. FILING DATE

PRIORITY DATE

03/04/2005

03/04/2004

CONFIRMATION NO. 1481 371 FORMALITIES LETTER

OC000000023637774

Date Mailed: 05/02/2007

BOSTON, MA 02109

TEN POST OFFICE SQUARE

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/05/2006
- Copy of the International Search Report filed on 09/05/2006
- Copy of IPE Report filed on 05/01/2007
- Preliminary Amendments filed on 09/05/2006
- Information Disclosure Statements filed on 09/05/2006
- Oath or Declaration filed on 09/05/2006
- Small Entity Statement filed on 09/05/2006
- Request for Immediate Examination filed on 09/05/2006
- U.S. Basic National Fees filed on 09/05/2006
- Priority Documents filed on 09/05/2006
- Specification filed on 09/05/2006
- Claims filed on 09/05/2006
- Abstracts filed on 09/05/2006
- Drawings filed on 09/05/2006

MAY 0 4 2007

WEINGARTEN, SCHURGIN. GAGNEBIN & LZBOVICI LLP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371: 10 10 10 10 10 Ch. 1150 000

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

Express Mail No. EV 560126660 US

• To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

• \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,680	PCT/US05/07278	BU-115XX

FORM PCT/DO/EO/905 (371 Formalities Notice)